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November 3, 1993, abandoned. The application also claims priority to PCT/US 94/08423, filed on July 26, 1994. The application also claims priority to USSN 08/280,757, filed on July 26, 1994, pending; which is a continuation-in-part of USSN 08/109,393, filed August 19, 1993, pending; which is a continuation-in-part of USSN 08/101,624, filed on July 26, 1993, abandoned. The contents of these applications are specifically incorporated herein by reference.--

In the Claims:

Please cancel claims 1-41 and 44-45 without prejudice.

Please amend the claims as follows:

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46. (Amended) A method of treating a subject with a tumor, comprising:
- (a) obtaining tumor cells from the subject,
 - (b) transfecting the tumor cells with a nucleic acid encoding B7-2 in a form suitable for expression of B7-2 such that B7-2 is expressed by the tumor cell; and
 - (c) administering the tumor cells to the subject.

Please add the following new claims:

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--65. The method of claim 46, wherein B7-2 comprises the amino acid sequence shown in SEQ ID NO:2.

66. The method of claim 46, wherein the nucleic acid encoding B7-2 molecule the nucleic sequence shown in SEQ ID NO:1.

67. The method of claim 58, wherein B7-2 molecule the amino acid sequence shown in SEQ ID NO:2.

68. The method of claim 58, wherein the nucleic acid encoding B7-2 comprises the nucleic sequence shown in SEQ ID NO:1.